

Fig. 1

SEQ ID NO: 1

ATGGGGTCG DCGGATCGC HCCCHCCTG GC THE TETGCTGCCC HGTGCTCAGC TCCCCHTATE CGCTGGTGGA HCCDGA TCCCHTATE CGCTGGTGGA HCCDGA TCCCHTATE CGCTGGTGGA HCCDGATCGC HCCCHCCTG GCGCTHTTE TCTGCTGCCC CGTGGTGGA CGCTGGTGGA HCCDGATCGC HCCCHCCTG GCGCTHTTE TCTGCTGCCC CGTGGTGGA CGCTGGTGGA HCCDGATCGAC TCCCCHTATE CGCTGGATCGAC TCCCCHTATE CGCTGGTGGA HCCDGATCGAC TCCCCHTATE CGCTGGTGGA HCCDGATCGAC TCCCCHTATE CGCTGGATCGAC TCCCCHTATE CGCTGATCGAC TCCCCHTATE CGCTGATCGAC TCCCCHTATE CGCTGATCGAC TCCCCHTATE CGCTGATCGAC TCCCCHTATE CGCTGATCGAC TCCCCCHTATE CGCTGATCGAC TCCCCHTATE CGCTGATCGAC TCCCCCHTATE CGCTGATCGAC TCCCCCHTATE CGCTGATCGAC TCCCCCCCCCTGATCGAC TCCCCCCCCCC	100 100
ЯНОВОБАРСЯ ОНТОТТОСТО СТОСАССОВ СЪЕВОССЪЕ ИТОЪСЯВАНО СЪЕСТСАВЪЕ ВЪСТЪТОСА ВЪССЕВОС ОНСЕТЕНТОТО ВЕСИТАНТО ВЪГСАССАВ НООВОСАРСЯ ОНТОТТОСТО СТОСАССОВЪ СЪЕВОСЪСЯ ТТОГСАВЛЯВ СЪЕСТСАВЪ ВЪТЪТТОСА ВЪЛЕСЕВОЕ ВЕСИТАНТОЕ ВЪТСАСАСА НООВОСАРСЯ ОТТОТТОСТО СТОСАССОВЪ СЪЕВОСЪСЯ ТТОГСАВЛЯВ СЪЕСТСАВЪ ВЪТЪТТОСА ВЪЕВСЕВОЕ ВЕСИТАНТОЕ ВЪТСАСАСА НООВОСАСТА	200 200 200 200
АБЕНТОВЪЕТ ТЕПБЕНТЕРА СНТСАССЕНА ССЕТАВЕНАНА САГЛАВЕНА БАРАНОССАТИ АБЕНТОВЪЕТ СЕЛЕСИТЕТА СНТСАССЕНА ССЕТАВЕНА САГЛАВЕНЕ САГЛАВЕНЕ СТАССЕТЬНЕ ТЕГЕНТОВНЕ НЕМАСЕНЬЕТ СЕССАСТЬСЕ СБЕНТОВЪЕТ СЕЛЕСИТЕТА СНТСАССЕНА ССЕТАВЕНА САГЛАВССАТ СЪБЕНАСЕТ СТАССЕТЬНЕ ТЕПЕНТИВНЕН НЕМАСЕНЬЕТ СЕССАСТЬСЕ СБЕНТОВЪЕТ ТЕПБЕНТЕТА СНТСАССЕНА ССЕТАВЕНАНА САГЛАВССАТ СПЕСБАНАСЕТ СТАССЕТЬНЕ ТЕПЕНТИВНЕ НЕМАССИВЕТ ПЕССАСТЬСЕ	300 300 300 300
RECAGGE REL BRIGGGCG EC CTG ETGCC BANTIGGGAC REATCHTITG CTGGCC BOTH BGGGCACCAG GTGANGTGGT GGCNGTICC RETCCEBANTI RECAGGEGC BRIGGGCGTEC CTGTETGCC BANTIGGGAC ACATCHTITG CTGGCCANTH BGGGCACCAG GTGANGTGGT GGCNGTICCT RETCCEBANTI RECAGGETAC BRIGGGCGTEC CTGTETGCC BANTIGGGAC ACATCHTITG CTGGCCANTH BGGGCACCAG GTGANGTGGT GGCNGTICCT RETCCEBANTI RECAGGETAC BRIGGGCGTEC CTGTETGCC BANTIGGGAC ACATCHTITG CTGGCCACT BGGGCACCAG GTGANGTGGT GGCNGTICCT RETCCEBANTI	400 400 400 400
REATTTATER CTTERRICAE ARREGECATE CETRESPIES CTG FERCEGE RATEGERGET GEGRESTEGET DECIFICAÇÃO ARCEGAÇÃT GEGECARCTA REATTTATER CTTERRICAE ARREGECATE CETRESPIES CTG FERCEGE RATEGERGET GEGEGITEGT IDESPIESE ARCEGARCIT GEGECARCTA REATTTATER CTTERRICAE ARREGECATE CETRESPIES CTG FERCEGE RATEGERGET GEGRESTEGET IDESPIESE ARCEGARCITA REATTTATER CTTERRICAE ARREGECATE CETRESPIES CTG FERCEGE RATEGERGET GEGRESTEGET DECIFICAE ARCEGARCITA	500 500 500 500
CACCAGETOI OFCARATTE FERCEARICA CACIFCAGAA CAGGAGGETH TIGACCACCE EGCATGAT FACACCAGA CAFRAFTCEN OTCHETISC CACCAGAGGE CITALICA ITACCAGAGA CACCAGAGA CAGGAGGETH TIGACCACCE EGCATGAT TIGACCAGAGA CACCAGAGAGA CACCAGAGAGA CACCAGAGAGA CACCAGAGAGAG	600 600 600 600
TECCTUACIO TIGOLOGICA CATECTIGOCO TAUTTI ROGO GOCTOCACTO CACLOGORAC TACATECACA TOCACECTOTT CETOTOTTI ATGOTICOCO TECCTUACIO TIGOLOGICA CATECTIGOCO TACATECACA TOCACETIGOTO CONTENTA ATGOTICOCO TECCTUACIO TIGOLOGICA CATECTIGOCO TACATECACA TOCACETIGOTO CONTENTA ATGOTICOCO TECCTUACIO TIGOLOGICA CATECTICO CATECTICO TACATECACA TOCACECTORIO CONTENTA ATGOTICOCO TECCTUACIO TIGOLOGICA CATECTICO CATECTICA	700 700 700 700
CONTRACCAT CTTCCTTARG CACCCUSTEC TCTACTCUSG COCCACCCTT GALLAGECUS ACCCCTCAC SEAGCALGAG STECCECCA TCCCCCACCCCCCCCCCCCCCCCCCCCCCCC	800 799 799 800
RECECCECCE CECHECES ECOCOGO - TRACES EGETEC SET TRACES ESTECTED TRACES ENTERTIES CHACAGETA TRACES ESTECTED TRA	884 887 887 887
ETACTGGATT CTGGTGGAGG GECTGTACHT CEATAGICTC ATCTTCATGG CCTTLTTCTC AGAGAAGAAG TALCTGGGG GCTTCACHGT CTTLGGCTGG CTACTGGATT CTGGTGGAGG GECTGTACHT HOADAGECTC ATCTTCATGG CCTTHTTCTC AGAGAAGAAG TALCTGGGG GCTTCACHAT CTTHGGCTGG CTACTGGATT CTGGTGGAGG GECTGTACHT CACHAGECTC ATCTTCATGG CCTTHTTCTC AGAGAAGAAG TALCTGTGGG GCTTCACHAT CTTHGGCTGG CTACTGGATT CTGGTGGAGG GECTGTACHT CACHAGECTC ATCTTCATGG CCTTHTTCTC AGAGAAGAAG TALCTGTGGG GCTTCACHAT CTTHGGCTGG	984 987 987 987
EGTCTECES CESTCTTCCT GCCTGTGTG GTC-1055TER GAGC-1ACC-1T GCCCAACAC: DGGTGCTGGG ACTGGGGCTC DGGCAACAC BAGTGGATCA GGCCTACACC GCCCAACAC BAGTGGACTC BAGTGACTC BAGTGACTC BAGTGGACTC BAGTGACTC	1084 1087 1087 1087
TCCAGGTGCC CATCCTGGC; ITCFATTGTGC TCAACTTCAT CITIETTEATC ARCATCTCC GGGTGCTEC CACCAGGCT; CGGGGGGCCA AIDCCEGCCG TCCAGGTGCC CATCCTGGCA ITCFGTTGTGC TCAACTTCAT CETIETTEATC ARCATCTCC GGGTGCTEC CACCAGGCTET CGGGGGGCCA AIDCCEGCCG TCCAGGTGCC CATCCTGGC; ITCFATTGTGC TCAACTTCAT CETIETTEATC ARCATCTCC GGGTGCTEC CACCAGGCTE CGGGGGGCCA AIDCCEGCCG TCCAGGTGCC CATCCTGGC; ITCFATTGTGC TCAACTTCAT CETIETTEATC ARCATCTCC GGGTGCTEC CACCAGGCTE CGGGGGCCCA AIDCCEGCCG	1 184 1 187 1 187 1 187
STOTGRCACO CEGGAGGAGT ACCEGAAGCT OCTCAPATICC ACACTEGTEC TOATGCCOOT CTTIBELETC CACACAGTA TCTTCATGGC CACACCATRAC STOTGRCACC AGGCAGGAGT ACCEGAAGCT CCTCAPATICC ACATTGGCTC TTTIGGTEC CTTIBELETC CACTACACAG TCTTCATGGC CACACAGTACCAGAGCT ACCEGAAGCT CCTCAPATICC ACATTGGCTC TCTTGGCTCT CTTIBELETC CACTACACAG TCTTCATGGC CACACAGTACAGAGCT ACCEGAAGCT ACCAAGAAGAAGCT ACCAAGAAGAAAAAAAAAA	1284 1287 1287 1287
ACCAGGETCT CAGGACACT TEGGCANGTC CAGATGCANT ACCAGATGCT CTTCAACTCC TECAGGGAT TITTTETICS DATCATATAC TETTTCTGCA ACCAGGGCT CAGGACACT TEGGCANT TEGGCANT CAGATGCANT ATCAGATGCT CTTCAACTCC TECAGGGAT TITTTCTTGC DATCATATAC TETTTCTGCA ACCAGGGCT CAGGACACT CAGATGCANT ATCAGATGCT CTTCAACTCC TECAGGGAT TITTTCTTGC DATCATATAC TETTTCTGCA ACCAGGGCT CAGGACACTC CAGATGCANT ATCAGATGCT CTTCAACTCC TECAGGGAT TITTTCTTGC HATCATATAC TETTTCTGCA	1384 1387 1387 1387
RIDGEDAGOT ICALECCIDAG ATTATIGABLE CITEGACCCC CTGGACACTG GCCCTGGACT TOMGCCCIDA ECCECTAGE GGGACHACA GITTACHGCTA AUGUSTAGGT ECACGCRGAG ATTAICEARÚT CITTGGAGCCC CTGGACACTG GCCITTGGACT TOMGCCCIDA RECECCIDAGE GGGACHACA GCTACHGCTA AUGUSTAGGT REALICCIDAG ATTAIGEARÚT CITTGGAGCCC CTGGACACTG GCCTTGGACT TOMGCCCIDA RECECCIDAGE GGGACHACA GCTACHGCTA AUGUSTAGGT REALICCIDAG ATTAIGHAIT CITTGGAGCCC CTGGACACTG GCCTTGGACT TOMGCCCIDA ECCECCIDAG GCCACHACA GCTACHACA	1484 1487 1487 1487
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ACCADISCA CHICCARISE CONCIDENTE HIDEOSECC ADACCARGOC REGIONATES ACCIT———————————————————————————————————	1675 1663 1663 1669
CTCCCAAGGA CONTROLTTC CTIMALGOCT CCTGCTCIGG ECTGGALGAG GAGGCCTCIG ESTERGIGG GCCCCCCCC CTGTTEAGG ALGALTGGGA TTCCCAAGGA COALGOTTC CTIMALGOCT CCTGCTCIGG ICTGGAIDAG GAGGCCTCIG ESTERGIGGG GCCCCCCCC TITALTICAGG ALGALTGGGA TTCCCAAGGA COALGOTTC CTIMALGOCT CCTGCTCIGG ECTGGAIDAG GAGGCCTCIG ESTERGIGGG GCCCCCCCC TITALTICAGG ALGALTGGGA CTCCCAAGGA COALGOTTC CTIMALGOCT CCTGCTCIGG ECTGGALDAG GAGGCCTCIG ESTERGIGGG GCCCCCCCC CTGTTCAGG ALGALTGGGA	1775 1763 1763 1769
GACCICTERTG TGA ARCHOTERTG TGA ARCHOTERTG TGA GACCICTERTG TGA	1788 1776 1776 1782

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Fig. 2

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EKABSK-YPE EKABSK-YPE DKABSK-YPE	REVFDRLGM REVFDRLGM REVFDRLGM REVFDRLGM	CRURUTEFLY CRURUTEFLY CRURUTEFLY CRURUTEFLY	BULATKLR IIRULATKLR IIRULATKLR IIRULATKLR	LDFKRKARSG LDFKRKARSG LDFKRKARSG LDFKRKARSG	ASSARPE ASSARPP ASSARPP ASSPERPP
PHSTSGKP*X PHSTSGKP*X SHSTSGKP*X	KF TNETRE L	PIGHA GYRG (PAGARANGYRG (PAGARANGYRG (PATARANGYRG (PATARA	NI BUTTON NI BUT	KSWSRWTLA KSWSRWTLA KSWSRWTLA KSWSRWTLA	NGSCSGLDEE   NGSCSGLDEE   NGSCSGLDEE   NGSCSGLDEE
NIMESDKGUT NIMESDKGUT SIMESDKGUT	NRTWANYSEC NRTWANYSEC NRTWANYSEC NRTWANYSEC	LHIIRQ PPP LHIIRQ PPP LHIIRQ PPP	MIIQUPILAS MIIQUPILAS MIIQUPILAS MIIQUPILAS	FCNGEUGHE I FCNGEUGHE I FCNGEUGHE I FCNGEUGHE I	TAAPKDDGFL MAUPKDDGFL MTUPKDDGFL MAAPKDDGFL
LKEULHTA LKEULHTAA PLKEULHTAA	NGSWE UPGH NGSWE UPGH NGSWE UPGH NGSWE UPGH	DEAERLTEEE DEAERLTEEE DEAERLTEEE DEAERLTEEE	CMDLSSGAKK CMDLSSGAKK CMDLSSGAKK CMDLSSGAKK CMDLSSGAKK	QGFFURITYC QGFFURITYC QGFFURITYC QGFFURITYC	CPATPDA   TET-ETLPJT   IEN-ET IPJT   LETLETTPDA
LHRAQAQCDK LHRAQAQCDK LHRAQAQCDK	KGHAYBRCDR KGHRYBRCDR KGHRYBRCDR KGHRYBRCDR	DAVLYSGATL DAVLYSGATL DAVLYSGATL DAVLYSGATL	BURATLANTG SURATLANTG SURATLANTG BURATLANTG	MHYEMLFNSF MHYEMLFNSF MHYEMLFNSF MHYEMLFNSF	PGHTKPGPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
VTTKEEQIFL VTTKEEQIFL VTTKEEQIFL	CPDY I YDFNH CPDY I YDFNH CPDY I YDFNH CPDY I YDFNH	MLRA SIFUK MLRAPSIFUK MLRAPSIFUK MLRA SIFUK	LPRUFURUMU LPRUFURUMU LPRUFURUMU LPRUFURUMU	EVSGTLMQIQ EVSGTLMQIQ EVSGTLMQIQ EVSGTLMQIQ	TATINGHPP I T-NGHBQL T-NGHBQL TTNGHPQL
SAYALUDADD SAYALUDADD SAYALUDADD	GAPGEUURUP GAPGEUURUP GAPGEUURUP GAPGEUURUP	VIHMH FLSF VIHMHYFLSF VIHMHYFLSF VIHMH FLSF	LWGFTJFGWG LWGFTJFGWG LWGFTJFGWG LWGFTJFGWG	VI VEMBLEYT VIVEMBLEYT VITVEMBLEYT VITVEMBLEYT	RL PAGARTT RL PAT RL PAT RL PTA
ALLLCCPULS ALLLCCPULS ALLLCCPULS	END HICKEL END HICKEL END HICKEL END HICKEL END HICKEL	VFRRLHCTRN VFRRLHCTRN VFRRLHCTRN VFRRLHCTRN	FMAFFSEKKY FMAFFSEKKY FMAFFSEKKY FMAFFSEKKY	LUL PLFGUH LUL PLFGUH LUL PLFGUH LUL PLFGUH	ROGENESP ROGENESP ROGENESP RUGENESP
MGHARIAPEL MGTARIAPEL MGTARIAPEL	SR-RGRPCLP SRPRGRPCLP SRPRGRPCLP SR/RGRPCLP	SLTVAULILA SLTVAULILA SLTVAULILA SLTVAULILA	VEGLYLHSLI VEGLYLHSLI VEGLYLHSLI VEGLYLHSLI	QQYRKLL ST QQYRKLL ST QQYRKLL ST QQYRKLL ST	SHTSUTNUGP SHTSUTNUGP GHTSUTNUGP SHTSUTNUGP
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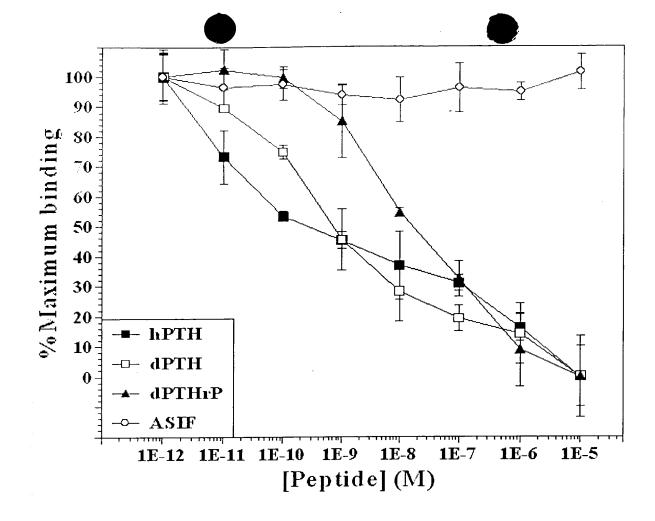
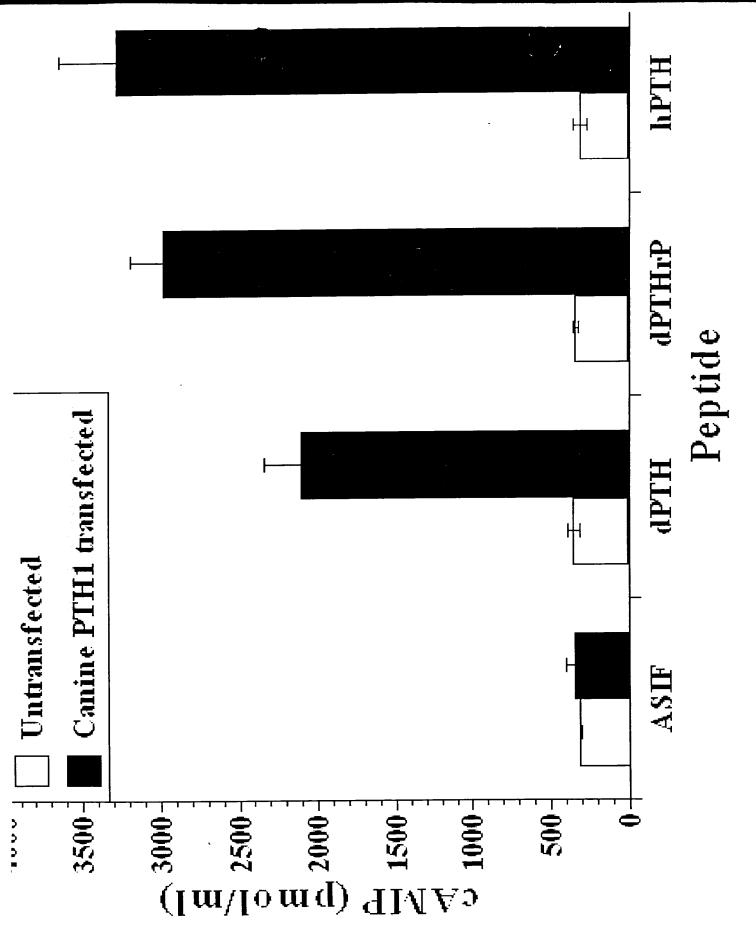


Fig. 4



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